

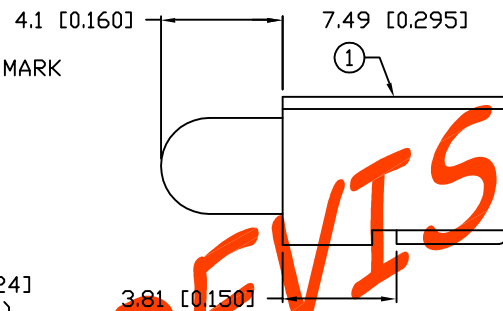
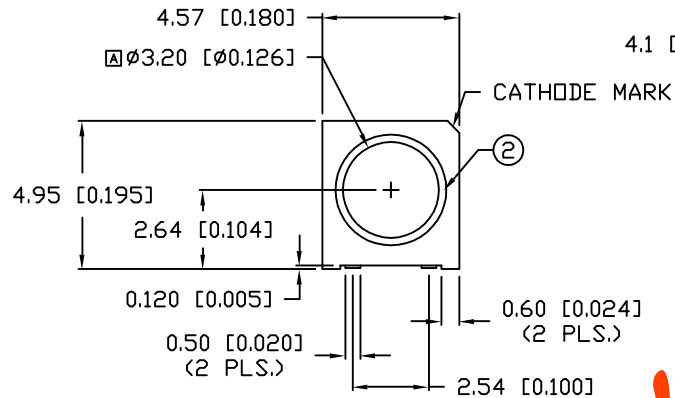
UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH306SYD-TR

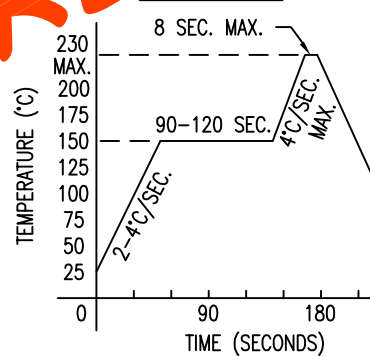
REV.

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REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11447.	10.01.07



REFLOW PROFILE

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		100		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	125	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

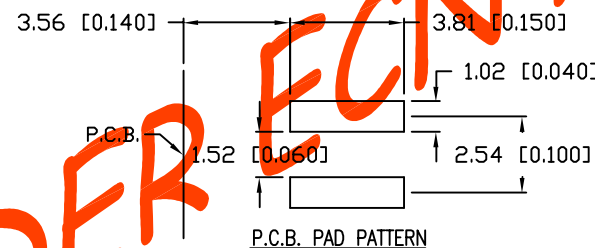
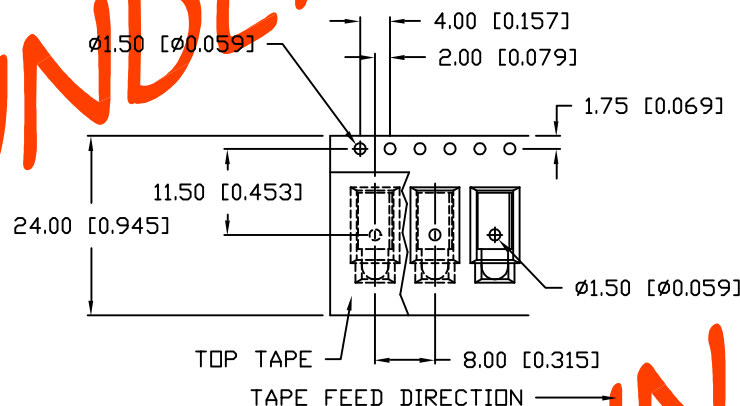
* $t < 10\mu\text{s}$

NOTES:

- SSH-LXH306 HOLDER, BLACK NYLON.
- SSL-LX308F4SYD LED.
- LXP-CARRIER24-56.
- 1,000 PCS. PER REEL.

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Pb



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $x \pm 1$ (± 0.039), $x \pm 0.5$ (± 0.020), $x \pm 0.25$ (± 0.010), $x \pm 0.127$ (± 0.005). LEAD SIZE ± 0.05 (± 0.002), LEAD LENGTH ± 0.75 (± 0.030). MIN = +DECIMAL PRECISION MAX = +0.00 -DECIMAL PRECISION

REV.

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



290 E. HELEN ROAD
 PALATINE, IL 60067-6976
 PHONE: +1.847.359.2790
 US WEB: www.lumex.com
 TW WEB: www.lumex.com.tw

T-3mm LED, RIGHT ANGLE SURFACE MOUNT,
 590nm SUPER YELLOW LED, YELLOW DIFFUSED LENS.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 4.24.01
BC			PAGE: 1 OF 1
			SCALE: N/A